



Thursday, February 01, 2007

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Public Works
RECOMMENDATION FOR COUNCIL ACTION

ITEM No. 21

Subject: Authorize negotiation and execution of a professional services agreement with each of the following 10 firms: HNTB CORPORATION, Austin, TX, HALFF ASSOCIATES, INC., Austin, TX, OTHON, INC., Austin, TX, HVJ ASSOCIATES, INC. (MBE/MB), Austin, TX, FREESE AND NICHOLS, INC., Austin, TX, LOCKWOOD ANDREWS and NEWNAM, INC., Austin, TX, DANNENBAUM ENGINEERING COMPANY, Austin, TX, MARTINEZ, WRIGHT and MENDEZ, INC. (MBE/MH), Austin, TX, S and B INFRASTRUCTURE, LTD, Austin, TX and, KLOTZ ASSOCIATES, INC., Austin, TX, to provide professional engineering services for street reconstruction projects for a period of approximately six years or until financial authorization expended, each agreement in an amount not to exceed \$12,500,000, with the total amount of the 10 agreements not to exceed \$12,500,000

Amount and Source of Funding: Funding is available in the Operating and Capital budgets of the various departments for which services are needed.

Fiscal Note: There is no unanticipated fiscal impact. A fiscal note is not required

Additional Backup Material

(click to open)

- ☐ **EVALUATION MATRIX**
- ☐ **Revised MWBE SUB GOALS**

For More Information: Keri Juarez 974-7298; Felix Benavides 974-7027; Laura Bohl 974-7064.

Purchasing Language: Best 10 qualification statements of 38 statements received.

MBE/WBE: 1.7% African American, 9.5% Hispanic, 5.3% Native/Asian American and, 14 2% Women Business Enterprise (WBE)

This Rotation List will provide engineering for the 2006 Street Reconstruction Bond Program to improve poor and failed roadways. The program will include street, drainage, sidewalk, and bicycle facility improvements as well as water and wastewater relocations and replacements where associated with the roadways.

This new authorization of \$12,500,000 for engineering services for 10 firms is anticipated to cover the seven year Street Reconstruction Bond Program timeframe. The City currently anticipates utilizing City staff for construction management and inspection of these projects. If authorized, however, the selected firm shall provide for construction phase professional services

The City anticipates developing and executing professional services agreements with each of the selected firms, and making initial project assignments based on the firm's final ranking as determined during the RFQ evaluation (highest to lowest). The total dollar amount will not exceed \$12,500,000, with an estimated amount of \$1,500,000 for each of the top five ranking firms and \$1,000,000 for each of the remaining five firms. Actual contract amounts with each firm may be higher or lower than the estimated amounts due to variations in project scope and magnitude.

Participation subgoals stated in the solicitation were 1.7% African American (FB/MB); 9.5% Hispanic (FH/MH), 5.3% Native/Asian American (FN/MN/FA/MA) and, 14 2% Women Business Enterprise (WBE). The recommended firms provided an MBE/WBE Compliance Plan that met the goals of the solicitation and were approved by the Department of Small and Minority Business Resources

Notification of issuance of a Request for Qualifications (RFQ) for the subject services was sent to 251 firms November 9, 2006. The RFQ was obtained by 63 firms, and 38 firms submitted qualification statements. Nine of the firms were certified MBE/WBE firms. The evaluation of the submittals of the 38 firms resulted in the attached recommendations.

Public Works Department

Evaluation of Consultant Qualifications

Composite

Received:

December 15, 2006

Project:

Street Reconstruction Program Rotation List 2006 - 2012

EVALUATION MATRIX

Project Manager:

Renee Orr

Firm (or Joint Venture)	Item 1 Y = Yes N = No	Item 2 Y = Yes N = No	Item 3 [24] Experience of Project Manager (10) Engineer (8) Principal (6)	Item 4 [15] Experience and Availability of Proposed Staff	Item 5 [15 w/subs] [30 w/o subs] Prime Firms' Comparable Project Experience	Item 6 [15 w/subs] [0 w/o subs] Subconsultant Firms' Comparable Project Experience	Item 7 [9] Team's Experience with Austin Issues	Item 8 [12] Team's Structure and Project Approach	Item 9 [11] COA Experience with Prime	[100] SUB TOTAL	Item 10 [25] Optional Interview	[125] TOTAL POINTS
1 HNTB Corp	Y	Y	21.8	12.8	13	13	7	11.2	11	89.8		89.80
2 Halff Associates, Inc	Y	Y	22.6	12.2	12	13.8	7	10	11	88.6		88.60
3 Otton, Inc	Y	Y	21	12	13.6	12.6	7.4	10.4	11	88		88.00
4 HVJ Associates, Inc (MBE/MB)	Y	Y	19.6	13	13.4	12.6	7	9.4	11	86		86.00
5 Freese and Nichols, Inc	Y	Y	19	12.2	12.4	13.2	6.8	10.6	11	85.2		85.20
6 Lockwood Andrews & Newnam, Inc	Y	Y	20.2	12.2	11.8	12.6	6.6	10.4	11	84.8		84.80
7 Dannenbaum Engineering Co	Y	Y	20	11.6	12.6	13	6.8	9.4	11	84.4		84.40
8 Martinez Wright & Mendez, Inc (MBE/MH)	Y	Y	20.4	11.8	12	13.4	6.6	8.6	11	83.8		83.80
9 S&B Infrastructure	Y	Y	19.8	10.8	12.2	13.6	6	10	11	83.4		83.40
10 Klotz Associates	Y	Y	19.4	11.2	12.2	13.2	7	9.2	11	83.2		83.20
11 Claunch & Miller, Inc.	Y	Y	20.6	10.8	11.2	13	5.8	9.8	11	82.2		82.20
12 Baker-Aicklen & Assoc., Inc	Y	Y	20.4	11	12	12.6	6	9	11	82		82.00
13 DAVCAR Engineering (MBE/MH)	Y	Y	19.2	10.6	12.2	13.6	6.4	9	11	82		82.00
14 URS Corporation	Y	Y	18	12.4	11	12	6.8	9.4	11	80.6		80.60

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Composite

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Project:

Street Reconstruction Program Rotation List 2006 - 2012

EVALUATION MATRIX

Project Manager:

Renee Orr

Firm (or Joint Venture)	Item 1 M/WBE Goals met or G F E	Item 2 Y = Yes N = No	Item 3 Experience of Project Manager (10) Engineer (8) Principal (6)	Item 4 Experience and Availability of Proposed Staff	Item 5 Prime Firm's Comparable Project Experience [15 w/subs] [30 w/o subs]	Item 6 Subconsultant Firms' Comparable Project Experience [15 w/subs] [0 w/o subs]	Item 7 Team's Experience with Austin Issues [8]	Item 8 Team's Structure and Project Approach [12]	Item 9 COA Experience with Prime [11]	Item 10 SUB TOTAL Optional Interview [25]	TOTAL POINTS [125]
Raymond Chan & Assoc, Inc (MBE/MA)	Y	Y	19.6	11	11	12.8	5.8	9.2	11	80.4	80.40
Binkley & Barfield	Y	Y	20.4	10.4	10.4	12.8	6.6	8.4	11	80	80.00
Parsons Brinckerhoff	Y	Y	17.4	11.8	11.8	12	6	10	11	80	80.00
PBS&J	Y	Y	18.2	10.8	11.2	11.8	7.2	9.4	11	79.6	79.60
Carter & Burgess, Inc.	Y	Y	18	11.6	11.2	11.8	6	9.2	11	78.8	78.80
Pape-Dawson Engineers, Inc	Y	Y	18.6	11.6	12	12.4	5.4	7.6	11	78.6	78.60
Pate Engineers	Y	Y	18	11.4	11.6	13	5.8	7.8	11	78.6	78.60
Vickrey & Associates (WBE/FR)	Y	Y	18	10.8	10.6	12.2	6	9.6	11	78.2	78.20
Kurkjian Engineering Corp (MBE/MA)	Y	Y	17.8	10.4	10.2	12.2	7.2	8.2	11	77	77.00
Jones & Carter	Y	Y	16.8	11.4	11.8	12	5.8	8.2	11	77	77.00
Earth Tech, Inc	Y	Y	19.2	9.6	10.4	11.4	5.8	8.6	11	76	76.00
Urban Design Group	Y	Y	16.2	11	10.2	12.6	5.8	8.8	11	75.6	75.60
C Faulkner Engineering	Y	Y	17.2	11.2	9.8	10.4	6.8	8.4	11	74.8	74.80
Sunland Group	Y	Y	15.8	10.2	9.8	13	5.8	9.2	11	74.8	74.80

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29 Turner Collie & Braden, Inc	Y	Y	16.8	10.6	10.4	11.2	5.8	8.6	11	74.4	74.40
30 LOC Consultants (MBE/MH)	Y	Y	17.2	9.2	10	11.6	6.8	8.2	11	74	74.00
31 Naismith Engineering, Inc	Y	Y	16	10.8	10.2	11	6.2	8.6	11	73.8	73.80
32 Axiom Engineers, Inc	Y	Y	16.6	10.2	9.2	12.6	5.8	8	11	73.4	73.40
33 CAS Consulting Engineers (MBE/MA)	Y	Y	17.6	10.2	9.2	12.2	6	7.2	11	73.4	73.40
34 ARCADIS	Y	Y	17.6	9.4	9.8	12.2	5	7.4	11	72.4	72.40
35 The Arizpe Group (MBE/MH)	Y	Y	16.6	9.6	8.8	11	6.6	7.8	11	71.4	71.40
36 KSA Engineers	Y	Y	16.6	9.6	9.6	12	5	5.8	11	69.6	69.60
37 RS&H (Reynolds, Smith & Hills)	Y	Y	17.2	9.8	8.4	11.4	4.4	7.2	11	69.4	69.40
38 Thonhoff Engineering Consultants	Y	Y	14.8	8.4	7.6	12	6	7.2	11	67	67.00

RECOMMENDED FIRM: HNTB CORPORATION, AUSTIN, TX– Total Participation:

NON M/WBE TOTAL – PRIME

HNTB Corporation, Austin, TX

MBE TOTAL – SUBCONSULTANTS 16.50%

African American Subtotal 1.70%

(FB) CPM Engineering, Austin, TX (construction management, project scheduling, inspection services)

Hispanic Subtotal 9.50%

(MH) Jose I. Guerra, Inc., Austin, TX (structural engineering)

(MH) Crespo Consulting Services, Austin, TX (drainage, hydrological services, environmental consulting)

Native/Asian American Subtotal 5.30%

(MA) Raymond Chan Associates, Inc., Austin, TX (civil and traffic and transportation engineering)

WBE TOTAL – SUBCONSULTANTS 14.20%

(FR) Holt Engineering, Inc., Austin, TX (geotechnical soils engineering, testing, hydrologic studies lab and field testing)

(FR) McGray and McGray Land Surveyors, Inc., Austin, TX (surveying, land surveying, global positioning system)

NON M/WBE TOTAL – SUBCONSULTANTS

RECOMMENDED FIRM: HALFF ASSOCIATES, INC., AUSTIN, TX – Total Participation:

NON M/WBE TOTAL – PRIME

Halff Associates, Inc , Austin, TX

MBE TOTAL – SUBCONSULTANTS 16.50%

African American Subtotal 1.70%

(MB) HVJ Associates, Inc , Austin, TX (geotechnical services)

Hispanic Subtotal 9.50%

(MH) Macias & Associates, LP, Austin, TX (surveying services)

(MH) Martinez, Wright & Mendez, Inc., Austin, TX (civil engineering)

Native/Asian American Subtotal 5.30%

(MA) Raymond Chan Associates, Inc., Austin, TX (civil engineering)

WBE TOTAL – SUBCONSULTANTS 14.20%

(FR) McGray and McGray Land Surveyors, Inc., Austin, TX (surveying services)

(FR) Holt Engineering, Inc., Austin, TX (geotechnical services)

(FR) Dynamic Reprographics, Inc , Austin, TX (blueprinting services, copying)

(FR) Baer Engineering & Environmental Consulting, Inc , Austin, TX (environmental consulting and engineering)

NON M/WBE TOTAL – SUBCONSULTANTS

RECOMMENDED FIRM OTHON, INC , AUSTIN, TX – Total Participation:

NON M/WBE TOTAL – PRIME

Othon, Inc., Austin, TX

MBE TOTAL – SUBCONSULTANTS 16.50%

African American Subtotal 1.70%

(MB) ASD Consultants, Inc., Austin, TX (cost estimating)

Hispanic Subtotal 9.50%

(MH) Martinez, Wright & Mendez, Inc , Austin, TX (civil engineering)

Native/Asian American Subtotal 5.30%

(MA) Hejl, Lee & Associates, Inc., Austin, TX (civil engineering)

(MA) Raymond Chan & Associates, Inc., Austin, TX (civil engineering)

WBE TOTAL – SUBCONSULTANTS 14.20%

(FR) Holt Engineering, Inc , Austin, TX (geotechnical –soils, laboratory and field testing)

(FR) Landmark Surveying, LP, Austin, TX (surveying services)

NON M/WBE TOTAL – SUBCONSULTANTS

RECOMMENDED FIRM. HVJ ASSOCIATES, INC., AUSTIN, TX – Total Participation.

MBE/MB TOTAL – PRIME

HVJ Associates, Inc , Austin, TX

MBE TOTAL – SUBCONSULTANTS 16.50%

Hispanic Subtotal 9.50%

(MH) Martinez, Wright & Mendez, Inc., Austin, TX (civil engineering, surveying, drainage, hydrology and water supply services)

(MH) DAVCAR Engineering Services, Austin, TX (civil engineering)

Native/Asian American Subtotal 5.30%

(MA) Raymond Chan & Associates, Inc., Austin, TX (wastewater treatment, water supply, hydrology and drainage services)

(MA) Encotech Engineering Consultants, Inc., Austin, TX (structural engineering)

WBE TOTAL – SUBCONSULTANTS 14.20%

(FR) Vickrey & Associates, Inc , Austin, TX (hydrology, water supply, wastewater treatment and drainage services)

(FR) N-Line Traffic Maintenance, Austin, TX (parking and fencing services, traffic control equipment)

NON M/WBE TOTAL – SUBCONSULTANTS

RECOMMENDED FIRM: FREESE AND NICHOLS, INC., AUSTIN, TX – Total Participation:

NON M/WBE TOTAL – PRIME

Freese and Nichols, Inc., Austin, TX

MBE TOTAL – SUBCONSULTANTS 16.50%

African American Subtotal 1.70%

(MB) HVJ Associates, Inc., Austin, TX (geotechnical-soils, laboratory and field testing)

(FB) CPM Engineering, Austin, TX (cost estimating, project scheduling)

Hispanic Subtotal 9.50%

(MH) Gorrondona & Associates, Inc., Austin, TX (surveying and utility locator services)

Native/Asian American Subtotal 5.30%

(MA) Raymond Chan & Associates, Inc., Austin, TX (water supply and hydrological services)

(MA) Frank Lam & Associates, Inc., Austin, TX (structural engineering)

WBE TOTAL – SUBCONSULTANTS 14.20%

(FH) Kurkjian Engineering Corporation, Austin, TX (drainage engineering)

(FR) Baer Engineering & Environmental Consulting, Inc., Austin, TX (environmental engineering, consulting and impact studies)

(FR) Dynamic Reprographics, Austin, TX (copying)

(FR) Winterowd Associates, Inc., Austin, TX (landscape architecture and consulting)

NON M/WBE TOTAL – SUBCONSULTANTS

Acessology, Inc., Austin, TX (ADA compliance consulting)

RECOMMENDED FIRM: LOCKWOOD, ANDREWS & NEWNAM, INC , AUSTIN, TX – Total Participation:

NON M/WBE TOTAL – PRIME

Lockwood, Andrews & Newnam, Inc , Austin, TX

MBE TOTAL – SUBCONSULTANTS 16.50%

African American Subtotal 1 70%

(MB) HVJ Associates, Inc., Austin, TX (geotechnical-soils engineering)

Hispanic Subtotal 9.50%

(MH) DAVCAR Engineering, Inc , Austin, TX (civil engineering)

(MH) Macias & Associates, LP, Austin, TX (surveying services)

Native/Asian American Subtotal 5 30%

(MA) Hejl, Lee & Associates, Inc., Austin, TX (civil engineering)

WBE TOTAL – SUBCONSULTANTS 14 20%

(FR) McGray and McGray Land Surveying, Inc., Austin, TX (land surveying and surveying services)

(FR) Holt Engineering, Inc., Austin, TX (geotechnical-soils engineering)

(FR) Dynamic Reprographics, Austin, TX (blue printing, blue lines and copying services)

NON M/WBE TOTAL – SUBCONSULTANTS

RECOMMENDED FIRM: DANNENBAUM ENGINEERING COMPANY, AUSTIN, TX -- Total Participation:

NON M/WBE TOTAL -- PRIME

Dannenbaum Engineering Company, Austin, TX

MBE TOTAL -- SUBCONSULTANTS 16.50%

African American Subtotal 1.70%

(MB) HVJ Associates, Inc., Austin, TX (geotechnical-soils engineering, laboratory and field testing, boring, drilling, testing and soundings)

Hispanic Subtotal 9.50%

(FH) Kurkjian Engineering Corporation, Austin, TX (civil engineering)

(MH) Macias & Associates, LP, Austin, TX (surveying, aerial photogrammetry, utility locator services)

Native/Asian American Subtotal 5.30%

(MA) Frank Lam & Associates, Inc., Austin, TX (structural and civil engineering)

WBE TOTAL -- SUBCONSULTANTS 14.20%

(FR) Baer Engineering and Environmental Consulting, Inc., Austin, TX (environmental engineering, consulting and impact studies; civil engineering)

(FR) Dynamic Reprographics, Austin, TX (blue printing, copying)

NON M/WBE TOTAL -- SUBCONSULTANTS

Surveying & Mapping, Inc., Austin, TX (subsurface utility engineering)

RECOMMENDED FIRM: MARTINEZ, WRIGHT & MENDEZ, INC., AUSTIN, TX – Total Participation:

MBE/MH TOTAL – PRIME

Martinez, Wright & Mendez, Inc., Austin, TX

MBE TOTAL – SUBCONSULTANTS 16.50%

African American Subtotal 1.70%

(MB) HVJ Associates, Inc., Austin, TX (geotechnical, civil and traffic and transportation engineering; boring, drilling, testing and soundings)

Hispanic Subtotal 9.50%

(FH) Kurkjian Engineering Corporation, Austin, TX (civil, water supply and structural engineering)

Native/Asian American Subtotal 5.30%

(MA) Raymond Chan & Associates, Inc., Austin, TX (civil engineering, drainage and traffic and transportation, water supply engineering)

WBE TOTAL – SUBCONSULTANTS 14.20%

(FR) Providence Environmental Consulting, Inc., Georgetown, TX (water supply)

(FR) P.E Structural Consultants, Inc., Austin, TX (structural engineering)

(FR) Holt Engineering, Inc., Austin, TX (geotechnical engineering, laboratory and field testing, boring, drilling, testing and soundings)

(FR) Baer Engineering & Environmental Consulting, Inc., Austin, TX (environmental assessment, impact studies and consulting)

(FR) Landmark Surveying, LP, Austin, TX (surveying)

(FR) Project Cost Resources, Inc., Austin, TX (cost estimating)

(FR) Dynamic Reprographics, Inc., Austin, TX (blue prints, copying)

NON M/WBE TOTAL – SUBCONSULTANTS

Half Associates, Inc., Austin, TX (subsurface utility engineering)

RECOMMENDED FIRM: S&B INFRASTRUCTURE, LTD, AUSTIN, TX -- Total Participation:

NON M/WBE TOTAL – PRIME

S&B Infrastructure, LTD, Austin, TX

MBE TOTAL – SUBCONSULTANTS **16.50%**

African American Subtotal **1.70%**

(MB) HVJ Associates, Inc , Austin, TX (geotechnical-soils, civil and traffic and transportation engineering, boring, drilling and testing; environmental site assessment, impact studies and consulting; lab and field testing)

Hispanic Subtotal **9.50%**

(MH) Gorrondona & Associates, Inc., Austin, TX (surveying)

(MH) Martinez, Wright & Mendez, Inc., Austin, TX (surveying; civil, drainage and traffic and transportation engineering, water supply engineering; environmental site assessment and impact studies)

(MH) UltraCADD, Austin, TX (computer assisted design)

Native/Asian American Subtotal **5.30%**

(MA) Encotech Engineering Consultants, Inc., Austin, TX (geotechnical-soils, civil and structural engineering; engineering and transportation consulting, computer assisted design; cost estimating)

(MA) CAS Consulting and Services, Inc , Austin, TX (geotechnical-soils, civil, drainage and traffic and transportation and structural engineering; testing; engineering and transportation consulting; site assessment; blueprinting)

WBE TOTAL – SUBCONSULTANTS **14.20%**

(FR) Baer Engineering & Environmental Consulting, Inc., Austin, TX (engineering consulting, environmental impact studies, civil, traffic and transportation, structural and water supply engineering)

(FR) Dynamic Reprographics, Inc , Austin, TX (blue prints, copying)

(FR) Winterowd Associates, Inc., Austin, TX (Landscape Architecture)

NON M/WBE TOTAL – SUBCONSULTANTS

RECOMMENDED FIRM. KLOTZ ASSOCIATES, INC., AUSTIN, TX – Total Participation

NON M/WBE TOTAL – PRIME

Klotz Associates, Inc., Austin, TX

MBE TOTAL – SUBCONSULTANTS 16.50%

African American Subtotal 1.70%

(MB) HVJ Associates, Inc., Austin, TX (Geotechnical Soils)

Hispanic Subtotal 9.50%

(MH) Rodriguez Engineering Laboratories, Austin, TX (geotechnical-soils engineering)

Native/Asian American Subtotal 5.30%

(MA) Raymond Chan & Associates, Inc., Austin, TX (civil engineering, hydrological services)

WBE TOTAL – SUBCONSULTANTS 14.20%

(FR) McGray & McGray Land Surveyors, Inc., Austin, TX (surveying, land surveying, mapping, global positioning system)

(FR) Dynamic Reprographics, Austin, TX (media conversion, optical scanning, blue printing, blue lines, copying)

NON M/WBE TOTAL – SUBCONSULTANTS